

What is claimed is:

1. An apparatus for moving a vehicle, comprising:  
a frame;

5 a set of moveable jaws slideably coupled to the frame and structured  
to lift a wheel of such a vehicle; and

a mobilization device mounted to the frame and, when powered,  
structured to cause the apparatus and the vehicle to move.

10 2. The apparatus of claim 1 wherein at least one of the moveable  
jaws is threadedly coupled to the frame.

3. The apparatus of claim 2 wherein at least one of the jaws is  
coupled to a threaded rod supported on the frame.

15 4. The apparatus of claim 1 wherein the powered mobilization  
device comprises:

a motor; and

a wheel engageable to the motor.

20 5. The apparatus of claim 4 wherein the motor is fixedly engaged  
to the wheel.

6. The apparatus of claim 1 wherein the mobilization device  
25 comprises:

a motor having a shaft

a first sprocket coupled to the shaft of the motor;

a wheel;

a second sprocket coupled to the wheel; and

a chain that mechanically links the first sprocket to the second sprocket.

7. The apparatus of claim 1 wherein the set of moveable jaws  
5 each include a main support wheel.

8. The apparatus of claim 7 wherein each of the main support wheels is caster mounted to the frame.

10 9. The apparatus of claim 7 wherein, when the wheel is lifted, only the main support wheels and the mobilization device contact a ground surface.

10. An apparatus, comprising:  
15 a frame;  
a first and a second jaw each having a first end and a second end, the first end of the jaws moveably coupled to the frame, and the second end of the jaws having a main support wheel, the first and second jaw structured to cause an object placed between them to lift as the jaws are  
20 closed; and

a mobilization device mounted to the frame;

wherein, when the apparatus is in position to lift the object, only the main support wheels and the mobilization device touch a ground surface.

25 11. The apparatus of claim 10 wherein the mobilization device comprises:  
a motor; and  
a wheel coupleable to the motor.

12. The apparatus of claim 11, further comprising a remote control structured to control the motor.

13. The apparatus of claim 10 wherein the mobilization device  
5 comprises:

a motor having a shaft

a first sprocket coupled to the shaft of the motor;

a wheel;

a second sprocket coupled to the wheel; and

10 a chain that mechanically links the first sprocket to the second sprocket.

14. The apparatus of claim 13, further comprising a remote control structured to control the mobilization device.

15. An apparatus, comprising:  
means for dollying a round object by closing two opposed jaws; and  
powered means for moving the apparatus and the dollied round  
object.

16. The apparatus of claim 15 wherein at least one of the two opposed jaws comprises a roller to support the round object.

17. The apparatus of claim 15 wherein the powered means  
25 comprises a motorized wheel.

18. A vehicle moving apparatus, comprising:  
an elongated frame having a first end and a second end;  
a pair of jaws, mounted to respective ends of the frame, at least one  
30 jaw slideably coupled to the frame in a first portion, each jaw having a

main support wheel in a second portion, and at least one jaw having a roller located between the first portion and the second portion; and

a drive wheel coupled to the frame and structured to be powered by a drive motor.

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19. The apparatus of claim 18, further comprising a powered jaw closing mechanism attached to the frame and to the pair of jaws and structured to open and close the jaws.

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20. The apparatus of claim 19 wherein the powered jaw closing mechanism comprises:

a threaded rod coupled to a jaw motor; and

a threaded receiver attached to each of the jaws, wherein rotating the threaded rod causes at least one of the jaws to slide along the frame.

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21. A method of moving an object resting on a ground surface, comprising

positioning a vehicle mover proximate the object;

controlling a pair of opposed jaws on the vehicle mover to close until

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the object is raised from the ground surface; and

operating a powered moving mechanism that is attached to the vehicle mover.

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22. The method of claim 21 wherein controlling a pair of opposed jaws comprises operating a motor-controlled jaw-opener.

23. The method of claim 21 wherein operating a powered moving mechanism comprises operating a motor-powered wheel.

24. The method of claim 21 wherein operating a powered moving mechanism comprises controlling a remote control device coupled to the moving mechanism.

5        25. The method of claim 24 wherein the remote control device is located inside of a vehicle.